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ABSTRACT OF THE DISCLOSURE

A method for planning a radiocommunications network includes computing cell coverage in turn including dividing a region around a radio base station into a number of large environment pixels, for each large environment pixel, computing a first quantity indicative of the coverage within the large environment pixel, dividing each large environment pixel into a number of small environment pixels, and, for each small environment pixel, computing a second quantity indicative of the coverage within the small environment pixel, wherein each second quantity is computed for the respective small environment pixel as a function of the first quantity computed for the large environment pixel containing the small environment pixel, and of data describing the environment within the small environment pixel and within small environment pixels within the large environment pixel and arranged upstream the small environment pixel along a radioelectric signal propagation path passing through the small environment pixel.